BRUHAT BANGALORE MAHANAGARA PALIKE

EXCECUTIVE ENGINEER DASARAHALLI PROJECT DIVISION

Name of work:Construction of RCC return Wall and Building to proposed dobbighat at Mallasandra in Ward No.13

JOB NUMBER.:

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Sl-5 Quantity	Est. Amount 100.00 Rate in Rs.	Lakhs Amount in Rs.
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavatedsurface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a)/2.3.1 (Item No.2.2, Page No.5, SR: 2016-17)								
	Built Site Area	Cum	1	63.00	7.00	3.58	1578.78		
							Total Qty	**1578.78**	**269.56**	**425575.94**
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m.after breaking of clods complete as per specifications,specification. No. KBS 2.1(b)/2:3.5 (Item No.2.4, page No.5, SR: 2016-17)								
	Earh Work								
	Retaining Wall								
	Base Slab								
	Key		1	62.00	5.20	2.20	709.28		
	Building		1	62.00	0.80	1.00	49.60		
	Footing	Cum							
	Foundation		2	1.50	1.70	1.50	7.65		
	55% earth hard		1	7.50	0.90	0.90	6.08		
							424.93		
							Total Qty	**424.93**	**405.64**	**172369.72**
3	KSRB 2-2.3: Excavation by manual means for foundation of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width, in soft rock not exceeding 1.50mtrs in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50mt including cost of explosives, labour, HOM of equipment complete as per specifications, specification. No. KBS 2.1 C/2.9.4/2.18/2.19 (Item No.2.6, page No.5, SR: 2016-17)								
	Earh Work								
	Retaining Wall								
	Base Slab		1	62.00	5.20	1.65	531.96		
	Key		1	62.00	0.80	1.00	49.60		
	Building	Cum							
	Footing		2	1.50	1.70	2.00	10.20		
	Foundation (Footing Deducted)		1	7.50	0.90	0.80	5.40		
	45% Rock						**268.72**		
							Total Qty	**268.72**	**1053.64**	**283136.25**
4	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (Item No.4.2, page No.512, SR: 2016-17)								
	Bed Concrete								
	Retaining Wall								
	Base Slab		1	62.00	4.20	0.15	39.06		
	Key	Cum	1	62.00	1.00	0.15	9.30		
	Building								
	Footing		2	1.50	1.70	0.15	0.77		
	Foundation		1	21.10	0.90	0.15	2.85		
							Total Qty	**51.97**	**5449.68**	**283238.94**
5	KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (I.tm No.5.6, P.No.23, SR:2016-17)								
	SSM Foundation								
	1st Step	Cum	1	21.10	0.75	0.25	3.96		
	2nd Step		1	21.10	0.60	0.40	5.06		
							Total Qty	**9.02**	**4521.96**	**40789.21**

90.5 Tons

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
6	KSRB 5.3-3: Providing and constructing granite / trap / basalt size stone masoniy in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13) (I.tm No.5.9, P.No.23, SR:2016-17)								
	SSM Foundation								
	3rd Step	Cum	1	21.10	0.45	0.40	3.80		
						Total Qty	3.80	5405.40	20529.71
7	KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excludingcost of reinforcement as per specifications.Specification No. KBS Specification No. KBS 4.1,4.64.1,4.6(I.tm No.4.10, P.No.13, SR:2016-17)								
	Building								
	Footing	Cum	2	1.30	1.50	0.30	1.17		
	Column		6	0.23	0.38	1.45	0.76		
	Plinth								
	Short		3	3.00	0.23	0.30	0.62		
	Long		2	8.69	0.23	0.30	1.20		
						Total Qty	3.75	6718.68	25199.08
8	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (Item No.2.10, page No.6, SR: 2016-17)								
	RCC return Wall and Building						346.83		
	50% of Total Earth Excavation	Cum							
						Total Qty	346.83	137.16	47570.84
9	KSRB 2.5 : Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications, specification. No. KBS 2.9.9/2.9.10.1/2.1.1 (I.tm No.2.12, P.No.6, SR:2016-17)								
	Inside Building								
	Room 1&2	Cum	2	3.00	4.00	1.00	24.00		
						Total Qty	24.00	274.32	6,583.68
10	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm cum and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, Unties, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fiHets Etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications, specification No. KBS 4.t, 4.6 (I.tm No.4.12, P.No.13, SR:2016-17)								
	Retaining Wall								
	Toe		1	62.00	2.20	0.50	68.20		
	Heel		1	63.00	1.80	0.50	56.70		
	Key		1	62.00	1.00	1.00	62.00		
	Stem						0.00		
			1	16.00	0.70	5.50	61.60		
			1	12.00	0.70	6.50	54.60		
			1	34.00	0.70	8.00	190.40		
	Building	Cum							
	Column above ground		6	0.23	0.38	2.90	1.52		
	Lintel								
	Short		3	3.00	0.20	0.20	0.36		
	Long		2	8.69	0.20	0.20	0.70		
	Beam								
	Short		3	3.00	0.23	0.40	0.83		
	Long		2	8.69	0.23	0.40	1.60		
	Slab		1	5.00	10.00	0.15	7.50		
						Total Qty	506.00	6876.36	3479458.24

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
11	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (I.tm No.4.19, P.No.14, SR:2016-17)								
	Chajja								
	Windows	Sqm	4	1.80	0.60		4.32		
						Total Qty	**4.32**	492.48	2127.61
12	Providing and casting reinforced cement concrete racks with design mix M20, granite or trap jelly 12mm and down size 5 cms thick and below with reinforcements of 6mm dia MS bars at 15 cms. Centre to centre for main reinforcement and at 30cms centre to centre for distribution including supports wherever necessary with burnt brick in CM 1:4 including centring, form work, curing etc., complete (inclusive of cost of steel and fabrication charges). (I.tm No.4.53., P.No.18, SR:2016-17)								
	Racks								
	Room 1&2	Sqm	2	10.00	0.60		12.00		
						Total Qty	**12.00**	957.96	11496.52
13	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded cum granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, nciuding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (I.tm No.4.6, P.No.12, SR:2016-17)								
	Copping for SSM Foundation								
	3rd Step	Cum	1	21.10	0.45	0.10	0.95		
	Cill								
	Windows		4	1.50	0.20	0.05	0.06		
						Total Qty	**1.01**	5876.28	5932.10
14	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (I.tm No.4.28, P.No.15, SR:2016-17)								
	Building								
	Footing	Sqm	2	5.60		0.30	3.36		
						Total Qty	**3.36**	249.48	838.25
15	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, Sqm. propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.32, P.No.16, SR:2016-17)								
	Building								
	Column	Sqm	6	1.22		4.35	31.84		
						Total Qty	**31.84**	395.28	12,586.51
16	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.up to 3.50m from Ground level. Specification No. KBS 4.6.2 (I.tm No.4.18, P.No.15, SR:2016-17)								
	Building								
	Slab	Sqm	1	5.00	10.00		50.00		
						Total Qty	**50.00**	338.04	16,902.00
17	KSRB 4-6.9 Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.36, P.No.16, SR:2016-17)								
	Building								
	Slab	Sqm	1	30.00		0.20	6.00		
						Total Qty	**6.00**	732.24	4,393.44
18	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, Sqm propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.34, P.No.16, SR:2016-17)								
	Building								
	Plinth								
	Short		3	3.00		0.60	5.40		
	Long		2	8.69		0.60	10.43		
	Lintel								
	Short	Sqm	3	3.00		0.40	3.60		
	Long		2	8.69		0.40	6.95		
	Beam								
	Short		3	3.00		0.80	7.20		
	Long		2	8.69		0.80	13.90		
						Total Qty	**47.48**	276.48	13,128.38

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Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
19	KSRB 4.6.10 Providing and removing centering, shuttering, strutting, Sqm propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.37, P.No.16, SR:2016-17)								
	Chajja								
	Windows	Sqm	4	1.80	0.60		4.32		
	Windows Side		4	3.00		0.15	1.80	291.60	1,784.59
						Total Qty	6.12		
20	KSRB 4.6.4 : Providing and removing centering, shuttering, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Item No.4.30, page No.15, SR: 2016-17)								
	Retaining Wall								
	Toe	Sqm	1	62.00		0.55	34.10		
	Heel		1	63.00		0.55	34.65		
	Stem Lvl+4.0 M		2	15.00		6.50	195.00		
	Stem Lvl+5.5 M		2	12.00		7.50	180.00		
	Stem Lvl+7.5 M		2	33.00		9.50	627.00		
	For Sliding Earth		1	62.00		7.50	465.00		
						Total Qty	1535.75	316.44	485972.73
21	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 500 (Item No.4.46, page No.17, SR: 2016-17)								
	RCC return Wall and Building								
	Steel								
	For One Cum 110Kgs of Concrete 31.7	Tonne	1	0.41			0.41		
	For One Cum 110Kgs of Concrete 31.10		1	55.66			55.66		
	For One Cum 60Kgs of Chajja		1	0.26			0.26		
						Total Qty	56.33	65455.56	3687248.31
22	KSRB 5.14.1: Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding,curing complete as per specifications. (I.tm No.5.34, P.No.25, SR:2016-17)								
	Building								
	Short	Sqm	3	3.00		2.90	26.10		
	Long		2	8.69		2.90	50.40		
	Parapet Wall		1	3.00		0.50	1.50		
						Total Qty	78.00		
	Deductions								
	RS		2	2.50		2.90	14.50		
	Windows		4	1.50		1.20	7.20		
						Total Qty	21.70		
						Total Qty	56.30	995.76	56,063.28
23	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raui plugs, or teak wood gatties including cutting masonry or concrete and making good the originai surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality. (I.tm No.7.10.2, P.No.33, SR:2016-17)								
	Building								
	Windows	Sqm	4	1.50		1.20	7.20		
						Total Qty	7.20	4209.84	30310.85
24	KSRB 7.9 : Providing and fixing M.S.grill work for windows and Kgs ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 (I.tm No.7.9, P.No.32, SR:2016-17)								
	Building								
	Windows	Kgs	4	1.50		1.20	7.20		
	Total Qty in kgs (qty in Sqm *21 kg/sqm)						151.2		
						Total Qty	151.2	84.24	12737.09

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Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
25	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. (I.tm No.15.19, P.No.114, SR:2016-17)								
	Building								
	Out side Wall								
	Long Wall	Sqm	2	8.69		3.70	64.31		
	Short Wall		2	3.46		3.70	25.60		
	Parapet Wall		2	30.00		0.60	36.00		
						Total Qty	125.91		
	Deductions								
	RS		2	2.50		2.90	14.50		
	Windows		4	1.50		1.20	7.20		
						Total Qty	21.70		
						Total Qty	104.21	252.72	26335.95
26	KSRB15-3.7 : Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification (I.tm No.15.18, P.No.114, SR:2016-17)								
	Building								
	In side Wall								
	Room 1&2	Sqm	2	14.00		3.50	98.00		
						Total Qty	98.00		
	Deductions								
	RS		2	2.50		2.90	14.50		
	Windows		4	1.50		1.20	7.20		
						Total Qty	21.70		
						Total Qty	76.30	238.68	18211.28
27	KSRB 15-3-13 : Providing 12mm thick cement piaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. (I.tm No.15.21, P.No.114, SR:2016-17)								
	Building								
	Celling								
	Slab	Sqm	1	5.00	10.00		50.00		
	Chajja								
	Windows		8	1.80	0.60		8.64		
	Windows Side		4	3.00		0.15	1.80		
						Total Qty	60.44		
	Deductions								
	Wall								
	Long Wall		2	8.69	0.23		4.00		
	Short Wall		2	3.46	0.23		1.59		
						Total Qty	5.59		
						Total Qty	54.85	208.44	11433.14
28	Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of size 600x600x10mm thick fixed on existing flooring with a special adhesive for flooring, skirting and jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc., cost of materials, mortar, labour etc., complete as per specification.(I.tm No.14.43, P.No.107, SR:2016-17)								
	Building Flooring								
	Room 1&2	Sqm	2	3.00	4.00		24.00		
						Total Qty	24.00	1285.20	30844.80
29	KSRB 15-15.1 : Providing and applying painting with primer in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(P.No-117 ,I No-15.51.2 of KPWD S.R 2016-17)								
	Building								
	Inside Wall and Celling								
	Wall (As Per qty of Internal Plastering)	Sqm					76.30		
	Celling (As Per qty of Cilling Plastering)						54.85		
						Total Qty	131.15	97.20	12,747.88

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Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
30	KSRB 15-15.2 : Extra over Item 15-15.1 for painting two coats with plastic emulsion paint of approved brand and shade on ceiling and / or sloping roof as per specifications (P.No-117 , No-15.5.1 S.of KPWD S.R 2016-17)								
	Building								
	Inside Wall and Ceiling								
	Wall (As Per qty of Internal Plastering)	Sqm					78.30		
	Ceiling (As Per qty of Ciling Plastering)						54.85		
							Total Qty: 133.15	4.52	601.87
31	Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to remove all the loosely adhering particles the surface is then cleaned with water and ensured that it is in line and level. The textured material is then mixed with 40-50% of clean water until a homogeneous thick slurry is formed. the slurry is left for 5-10 min to react completely with ingredients. The textured finish prepared as above is then applied to the wall surface with suitable roller/spray gun/putty/ blade/ trowel to get the desired finish. The finished surface shall be applied with two coats of exterior paint of approved shade. The rate includes providing and removing scaffolding, all lead and lift and all other incidental charges (Item No.15.105, Page No.125, SR: 2016-17)								
	Building								
	Out side Wall								
	Wall (As Per qty of Out Side Plastering)	Sqm					104.21		
							Total Qty: 104.21	178.84	18636.28
32	KSRB 7.5 : Providing and fixing pull and push type rolling shutters of approved make out of 18 guage 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with high tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size-5mx2.6m Specification No. KBS 7.107 7.12 (Item No.7.5, Page No.31, SR: 2016-17)								
	Building								
	RS	Sqm	2	2.50		2.90	14.50		
							Total Qty: 14.50	1090.36	15810.22
33	KSRB 7.6 : Providing and fixing top covers made out of 20 guage m M.S. sheet over pull and push rolling shutters bent to shape including cost of red lead primer coat of painting , materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 7.10,607.12 (Item No.7.6, Page No.32, SR: 2016-17)								
	Building								
	RS	M	2	2.50			5.00		
							Total Qty: 5.00	511.84	2559.20
34	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter and scoured with wire brushes, fine steel wool, sand papers including costof materials, labour complete as per specifications (Item No.15.73, Page No.121, SR: 2016-17)								
	Building								
	RS	Sqm	4	2.5		2.00	20.00		
	Windows		8	1.50		1.20	14.40		
							Total Qty: 34.40	31.12	1070.53
35	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Item No.15.74, Page No.121, SR: 2016-17)								
	Building								
	RS	Sqm	4	2.5		2.00	20		
	Windows		8	1.50		1.20	14.40		
							Total Qty: 34.40	38.56	1326.46
36	KSRRB M800-16, G.I. Barbed Wire Fencing 1.8 Metre High:- Providing m and fixing 1.8 metres high GI barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M-15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with 12 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 800.7 as per specifications. MORTH Specification No. 807(Item No.24.22, Page No.182, SR: 2016-17)								
	Retaining Wall								
	Top of wall	M	1	65.00			65.00		
							Total Qty: 65.00	386.12	25098.80

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
37	Supplying heavy PVC condiuit pipe .....mm dia .....mm thick confirming to IS 2509 woth suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary(2/1.2)(P.No-2 ,I No-1.1.1 & 1.1.2 of ELE S.R 2014-15)								
	Building								
	Electricals	M					30.00	46.44	1,393.20
	19/20mm dia 2mm thick		1	30.00			30.00	61.56	1,846.80
	25mm dia 2mm thick		1	30.00					
38	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of primer of approved make etc.(2/1.4)(P.No-2 ,I No-1.4.1 & 1.4.2 of ELE S.R 2014-15)								
	Building								
	Electricals	Each					2.00	101.52	203.04
	75x75x65mm		1	2.00			2.00	103.68	207.36
	100x75x65mm		1	2.00			**Total Construtrion cost**		93,43,491.04
							Design Report,Proof Checking & PMC Amount		1,86,869.82
							Tender Premium 5%		4,67,174.55
							Sub Total		99,97,535.41
							Miscellaneous & Rounding Off		2,464.59
							Grand Total		100,00,000.00

Certificate:-

1. The work spot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2016-17
4. The provisions made in the estimate are necessary and essential.

SRI SAI CONSULTANTS BANGALORE-93

Consultants
For Sri Sai Consultants

Assistant Engineer
Dasrahalli Project Division
BBMP - Bangalore

Assistant Executive Engineer
Dasrahalli Project Division
BBMP - Bangalore

Executive Engineer
Dasrahalli Project Division
BBMP - Bangalore

ನಂ:CE/PD/D2/03/17-18 /Dt:23.9.17
ರೂ: 100.00Lakhs (ನೂರು ಲಕ್ಷ ಕಾಸು ಮಾತ್ರ)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಜಬಂದ

ನಂ:CE/DS/129/17-18 ದಿನಾಂಕ: 25/9/17
ರೂ. Rs. 100.00 Lakhs only/-
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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